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"The struggle between sun and ice for the past ten thousands of years," by Baron Gerhard De-Geer (introduced by H. F. Osborn).

"Unusual features of sedimentation in the Pennsylvanian strata, Bingham Canyon, Utah," by J. F. Kemp.

"Some geologic conclusions from geodetic data," by W. Bowie (introduced by A. O. Leuschner).

"Origin of the North and South American faunas," by W. B. Scott.

"The red layer, a contribution to the stratigraphy of the White River Oligocene," by W. J. Sinclair (introduced by W. B. Scott).

Reception by President and Mrs. Hibben for members of the Academy and guests, at "Prospect."

Lecture, complimentary to the citizens of Princeton. "Lessons of the Grand Canyon," by Professor W. M. Davis. Room 301, Palmer Laboratory. Following this a smoker was held at the Nassau Club.

#### WEDNESDAY, NOVEMBER 17

##### *Morning Session*

"Islands near the border of the coral seas," by W. M. Davis.

"Equipartition of energy," by E. B. Wilson.

"Einstein gravitational fields: orbits and light rays," by E. Kasner.

"Note on the Sobral eclipse photographs," by H. N. Russell.

"Knots and Riemann spaces," by J. W. Alexander (introduced by Oswald Veblen).

"The map coloring problem," by Philip Franklin (introduced by Oswald Veblen).

"Luminescence at high temperatures," by E. L. Nichols.

"The molecular state of water vapor," by J. Kendall (introduced by M. T. Bogert).

"The correlation of solubility, compound formation, ionization and electroaffinity in solution," by J. Kendall (introduced by M. T. Bogert).

"The Corbino effect in iron," by E. P. Adams (introduced by H. N. Russell).

"The application of a differential thermometer in ebullioscopy," by W. C. Menzies (introduced by Oswald Veblen).

"Occurrence of copper and zinc in marine animals and calcareous muds," by A. H. Philips (introduced by W. B. Scott).

"The adsorption of gases by metallic catalysts," by Hugh S. Taylor (introduced by Oswald Veblen).

"Experiments on electrical conduction in a hydrogen alloy," by Donald P. Smith (introduced by Oswald Veblen).

##### *Afternoon Session*

"Biological aspects of the process of infection," by Theobald Smith.

"Typhus fever; with description of the ætiology," by S. B. Wolbach (introduced by W. T. Councilman).

"Changes in the ear of the rat on the inception of hearing," by H. H. Donaldson.

"Experiments on the development of the gills in amphibians," by R. G. Harrison.

"An important period in the process of synapsis," by C. E. McClung.

"The sexual cycle of the larval bull-frog," by W. W. Swingle (introduced by E. G. Conklin).

"The basal metabolism of girls 12 to 17 years of age," by F. G. Benedict.

"Growth on diets poor in true fats," by L. B. Mendel. (By title.)

"The measurement of differences between races," by F. Boas. (By title.)

"Anthropology in the army," by C. B. Davenport.

"Further data on population growth," by Raymond Pearl. (By title.)

"The duration of construction of blood vessels by epinephrin," by John Auer (introduced by S. J. Meltzer). (By title.)

"On a life-saving action of epinephrin—with a lantern slide demonstration," by S. J. Meltzer. (By title.)

"Nature of the effect of double vagotomy in rabbits," by Martha Wollstein (introduced by S. J. Meltzer). (By title.)

Subscription dinner of the academy. Proctor Hall, Graduate College.

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